1st and Final bill

Name of work: Construction of CC roads in ward no - 04 yelahanka satellite town sub division.

Work Order No: BBMP / EE/ YNK.D / E-PMT-16 /W.O / 07/2020-21 dt: 3-5-2020.

JOB NUMBER: 004-20-000045.

Estimate Cost: 40.00 lakhs.

As No: EE/ YNK.D/ AS / /2019-20 dt

Ts No : CE / YNK.Z/ TS / /2019-20 dt

Name of Contractor : Sri G Venkategowda.

PRE - MEASUREMENTS

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0 5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH / Chapter 3	Cum							
	for RCC drain								
	RHS (Darmegowda House)		1	30 00	1 20	1 00	36 00		
			1	30 00	1 20	1 00	36 00		
	LHS		1	5 50	1 20	1 00	6 60		
			1	18 40	1 20	1 00	22 08		
			1	30 00	1 20	1 00	36 00		
	house no 52 to 55		1	4 00	1 20	1 00	4 80		
	house no 34 LHS		1	26 50	1 20	1 00	31 80		
	RHS		1	15 50	1 20	1 00	18 60		
			1	30 00	1 20	1 00	36 00		
	culvert		1	15 00	1 20	1 00	18 00		
	for CC road		1	4 50	1 20	1 00	5 40		
	House no 34 NAIEL house								
			1	5 50	(3 2+3 8)/2	0 20	3 86		
			1	15 00	(4 7+5 2)/2	0 20	14 85		
			1	15 00	(5 2+5 2)/2	0 20	15 60		
			1	17 30	(4 1+5 4)/2	0 20	16 44		
	for CC road from house no 18 (darmegowda house) to No 27								
			1	15 00	(4 1+4 1)/2	0 20	12 30		
			1	15 00	(4 1+4 0)/2	0 20	12 15		
			1	15 00	(4 0+4 3)/2	0 20	12 45		
			1	19 00	(4 3+4 4)/2	0 20	16 53		

Measurements Recorded. 8/05/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Ramarayeerah

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	debris removal								
			1	20.00	0.60	0.45	5.40		
			8	3.00	1.20	0.45	12.96		
						Qty	373.81		
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum							
	for RCC drain								
	RHS (Darmegowda House)		1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
	LHS		1	5.50	1.00	0.15	0.83		
			1	18.40	1.00	0.15	2.76		
			1	30.00	1.00	0.15	4.50		
	house no 52 to 55		1	4.00	1.00	0.15	0.60		
	house no 34 LHS		1	26.50	1.00	0.15	3.98		
	RHS		1	15.50	1.00	0.15	2.33		
			1	30.00	1.00	0.15	4.50		
	culvert		1	15.00	1.00	0.15	2.25		
	for CC road		1	4.50	1.20	0.15	0.81		
	House no 34 NAIEL house		1	5.50	(3.2+3.8)/2	0.15	2.89		
			1	15.00	(4.7+5.2)/2	0.15	11.14		
			1	15.00	(5.2+5.2)/2	0.15	11.70		
	for CC road from house no 18 (darmegowda house) to No 27		1	17.30	(4.1+5.4)/2	0.15	12.33		
			1	15.00	(4.1+4.1)/2	0.15	9.23		
			1	15.00	(4.1+4.0)/2	0.15	9.11		
			1	15.00	(4.0+4.3)/2	0.15	9.34		
	for sanitory cuttings		1	19.00	(4.3+4.4)/2	0.15	12.40		
	for CC road from house no 18 (darmegowda house) to No 27		1	30.00	1.00	0.10	3.00		
			1	30.00	1.00	0.10	3.00		
	house no 52 to 55		1	4.00	1.00	0.10	0.40		
			1	29.00	1.00	0.10	2.90		
						Qty	118.97		

Ramarajeevan
8/05/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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Ramarajeevan
14/05/2020

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500.	Tonne							
	10mm dia U shap bar at 100mm c/c								
	Length = 65.50 Mtr = 65.45 /0.10 +1 = 1250								
	Each u shape bar length = 2.50 mtr	10 mm dia	1250	2.50			3125.00		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	65.45			1439.90		
	10mm dia U shap bar at 100mm c/c								
	Length = 18.40 .00 Mtr = 18.35 /0.15 +1 = 184 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	184	2.50			460.00		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	18.35			403.70		
	10mm dia U shap bar at 100mm c/c								
	Length = 34.00 Mtr = 33.95 /0.15 +1 = 340.0 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	340	2.50			850.00		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	33.95			746.90		
	10mm dia U shap bar at 100mm c/c								
	Length = 26.50 Mtr = 26.45 /0.10 +1 = 265.0 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	265	2.50			662.50		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	26.45			581.90		
	10mm dia U shap bar at 150mm c/c								

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ಜಿ.ಬಿ.ಎ.ಎ.ಕ. ಬೆಂಗಳೂರು-106

Ramanjeeriah

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Length = 15.50 Mtr = 15.45 /0.10 +1 = 155 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	155.0	2.50					
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	15.45			387.50		
							339.90		
	10mm dia U shap bar at 100mm c/c								
	Length = 45.00 Mtr = 44.95 /0.10 +1 = 1010 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	1010.0	2.50					
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	44.95			2525.00		
	for culvert						988.90		
	10mm dia U shap bar at 100mm c/c								
	Length =4.5 Mtr = 4.45 /0.10 +1 = 45 Nos								
	Each u shape bar length = 2.50 mtr	10 mm dia	45.0	2.48			112.05		
		10 mm dia	44.0	2.49			109.56		
	8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	4.45			97.90		
		8mm dia	13	4.45			57.85		
	ABSTRACT								
	16mm dia bar	0.00	1.580	0.00					
	12mm dia bar	0.00	0.888	0.00					
	10mm dia bar	8231.61	0.617	5078.90					
	8mm dia bar	4656.95	0.395	1839.50					
				6918.40					
							6918.40		
				Tonne			6.918		
				Qty limited to			6.918		
6	KSRRB M200-24 Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications MORTH Specification No. 202 with 8km lead= (I No-18.47,P No-140)	Cum							
	for sanitory cuttings								
	for CC road from house no 18 (darmegowda house) to No 27		1	30.00	2.30	0.20	13.80		
			1	30.00	2.50	0.20	15.00		
			1	4.00	2.30	0.20	1.84		
			1	30.00	2.45	0.25	18.38		
	house no 52 to 55								

Ramanjeevaiah 20/05/2020

ಸಹಾಯಕ ಅಭಿಯಂತರರು 21/5/2020
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
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Ramanjeevaiah

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	house no 34								
			1	30 00	2 50	0 20	15 00		
			1	25 00	2 60	0 20	13 00		
							0 00		
7	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1 00 km and complete as per specifications and site engineer in incharge	Cum					77.02		
							77.02		
	jagadish house No 52 to 55								
			1	4 40	(6 7+3 2)/2	0 25	5 45		
			1	6 70	(3 2+4 8)/2	0 25	6 70		
			1	15 00	(4 8+4 6)/2	0 25	17 63		
			1	7 30	(4 6+4 8)/2	0 25	8 58		
						Qty	38 35		
8	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision (I No-20 5,P No-153)	Cum							
	for sanitory cuttings								
	for CC road from house no 18 (darmegowda house) to No 27		1	30 00	1 00	0 10	3 00		
			1	30 00	1 00	0 10	3 00		
			1	4 00	1 00	0 15	0 60		
	house no 52 to 55		1	30 00	1 00	0 15	4 50		
	house no 34		1	30 00	1 00	0 15	4 50		
			1	25 00	1 00	0 15	3 75		
						Qty	19.35		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
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Ramanjeeneeh
27/05/2020

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRRB M2100-10Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and site engineer in incharge	Cum							
	for CC road from house no 18 (darmegowda house) to No 27								
			1	15.00	(4.1+4.1)/2	0.15	9.23		
			1	15.00	(4.1+4.0)/2	0.15	9.11		
			1	15.00	(4.0+4.3)/2	0.15	9.34		
			1	19.00	(4.3+4.4)/2	0.15	12.40		
	jagadish house No 52 to 55		1	4.40	(6.7+3.2)/2	0.15	3.27		
			1	6.70	(3.2+4.8)/2	0.10	2.68		
			1	15.00	(4.8+4.6)/2	0.10	7.05		
			1	7.30	(4.6+4.8)/2	0.15	5.15		
						Qty	58.22		

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30/05/2020

Ramareyaarah
30/05/2020